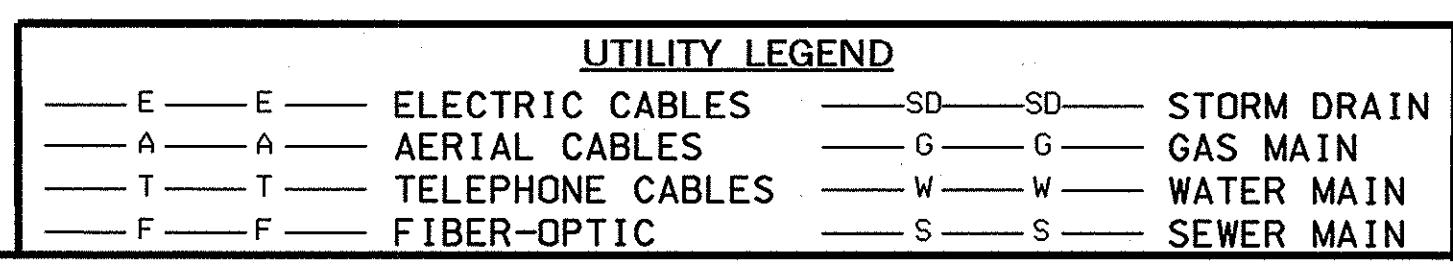


- GENERAL NOTES:**
1. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD TYPICALS FOR TRAFFIC CONTROL.
 2. THE CONTRACTOR SHALL VERIFY ALL RAMP AND PUSHBUTTON LOCATIONS PRIOR TO INSTALLATION.
 3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
 5. THE CONTRACTOR IS TO REMOVE AND REPLACE THE CONCRETE SIDEWALK AT THE NEAREST JOINT.
 6. THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY CONFLICTS ARISE, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.

- GENERAL NOTES CONTINUED:**
7. ALL SIGNAL POLE FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02 AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
 8. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
 9. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
 10. THE CONTRACTOR SHALL INSTALL ALL CONDUIT PRIOR TO NEW SIDEWALK AND RAMP CONSTRUCTION.
 11. THE CONTRACTOR SHALL INTEGRATE PROPOSED/EXISTING CONCRETE FOUNDATIONS WITH NEW CURB/SIDEWALK RAMP WHERE NECESSARY.
 12. THE 10 FT. SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
 13. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
 14. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18 IN. FROM A 60 IN. X 60 IN. LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
 15. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
 16. THE CONTRACTOR SHALL CENTER THE PROPOSED CROSSWALK WITH THE PROPOSED RAMP.
 17. GEOMETRIC IMPROVEMENTS TO BE CONSTRUCTED BY OTHERS. THE SIGNAL CONTRACTOR SHALL COORDINATE WITH THE SIDEWALK AND ROADWAY CONTRACTOR.
 18. ALL STUB POLES WILL BE INSTALLED ON THE BREAKAWAY COUPLING FOUNDATION AS SPECIFIED IN MD 818.16-01 (PED POLE) AND MD 801.01-01 (FOUNDATION).
 19. SEE 1FB AND ROADWAY PLANS FOR DETAILS ON RAMP CONSTRUCTION AND PLACEMENT.

- CONSTRUCTION DETAILS:**
- A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE (CUT TO 5 FT.), FOUNDATION, ACCESSIBLE PEDESTRIAN PUSHBUTTON, AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS EAST-WEST HWY." CUT, CLEAN, CAP, AND GALVANIZE PEDESTAL POLE. (NOTE: 1-3 IN. PVC 90 DEGREE BEND)
 - B. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS.
 - C. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE (CUT TO 5 FT.), FOUNDATION, ACCESSIBLE PEDESTRIAN PUSHBUTTON, AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS RIGGS RD." CUT, CLEAN, CAP, AND GALVANIZE PEDESTAL POLE. (NOTE: 1-3 IN. PVC 90 DEGREE BEND)
 - D. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS, PUSHBUTTON, AND SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS RIGGS RD."
 - E. RELOCATE EXISTING SIGNAL HEAD.
 - F. INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK. (MUTCD SEC. 7C.03)
 - G. INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
 - H. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED). CONTRACTOR SHALL REPLACE CONCRETE WHERE REMOVED.
 - I. INSTALL NON-INVASIVE MICROLOOP DETECTOR PROBES.
 - J. USE EXISTING CONDUIT.
 - K. USE EXISTING HANDHOLE.
 - L. USE EXISTING BASE MOUNTED CABINET.
 - M. USE EXISTING BASE MOUNTED CABINET.
 - N. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE FOUNDATION, LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, ACCESSIBLE PEDESTRIAN PUSHBUTTON, AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS EAST-WEST HWY." (NOTE: 1-3 IN. PVC 90 DEGREE BEND)
 - O. REMOVE EXISTING OVERHEAD SIGN.
 - P. INSTALL HANDHOLE.
 - Q. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (SLOTTED).
 - R. ABANDON EXISTING MICROLOOP PROBES.



APPROVALS

TEAM LEADER
ASST. DIR. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

1	UPGRADE PED SIGNAL HEADS TO APS/CPSS. SHA NO. PG5745177 T-01	12/12/07
2	RJM [Crs] [Signature]	04/18/02
3	RECONSTRUCT SIGNAL AND MODIFY LT. TURN PHASING. SHA NO. PG3735176	03/00
4	ADJUST SIGNAL HEADS, ADD LUMINAIRE. SHA NO. 01 1999-1	
5	CJ	

PLOTTED: 04/04/07
FILE: SFILES

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 212 (RIGGS ROAD) AT MD 410 (EAST-WEST HIGHWAY)

TRAFFIC SIGNALIZATION PLAN

SCALE: 1" = 20' DATE: 5/30/00 CONTRACT NO.: P 800-501-385

DESIGNED BY: N/A COUNTY: PRINCE GEORGE'S
DRAWN BY: R.E. WATSON LOGMILE: 16021201.26
CHECKED BY: H.J.K. TMS NO.: 1801
FAP NO.: SEE TITLE SHEET TOD NO.:
TS NO. 1778D DRAWING SG-01 OF 01 SHEET NO. OF

BY: \$USER\$